WHAT IS CLAIMED IS:

2001

1. A connector assembly for a radio frequency (RF) signal comprising:

a body;

a flange connected to the body and having a cavity; and

a plurality of pins extending from the flange,

wherein the cavity of the flange receives a chip carrier and the pins contact the chip carrier.

- 2. The connector assembly according to claim 1, wherein the plurality of pins have a coplanar pin configuration and include at least one signal pin and a ground pin.
- 3. The connector assembly according to claim 2, wherein the signal pin is connected to a device in the chip carrier.
- 4. The connector assembly according to claim1, wherein a signal path between the signal pin of the connector and the device in the chip carrier is less than 500 mils.
- 5. The connector assembly according to claim1, wherein a signal path between the signal pin of the connector and the device in the chip carrier is less than 400 mils.
- 6. The connector assembly according to claim 1, wherein a signal path between the signal pin of the connector and the device in the chip carrier is less than 300 mils.
- 7. The connector assembly according to claim1, wherein a signal path between the signal pin of the connector and the device in the chip carrier is less than 200 mils.
- 8. The connector assembly according to claim1, wherein a signal path between the signal pin of the connector and the device in the chip carrier is less than 100 mils.

- 9. The connector assembly according to claim 1, wherein a signal path between the signal pin of the connector and the device in the chip carrier is less than 75 mils.
- 10. The connector assembly according to claim 1, wherein a signal path between the signal pin of the connector and the device in the chip carrier is less than 40 mils.
- 11. The connector assembly according to claim 1, wherein the cavity receives a substantial portion of the chip carrier.
- 12. The connector assembly according to claim 1, wherein the chip carrier is substantially flush with a surface of the flange.
- 13. The connector assembly according to claim 1, wherein the cavity is located at a center portion of the flange.
- 14. The connector assembly according to claim 13, wherein the cavity is symmetrically centered in the flange.
- 15. The connector assembly according to claim 1, wherein the chip carrier includes one of a semiconductor device and an optical driver.
- 16. The connector assembly according to claim 1, wherein the plurality of pins have a coplanar pin configuration and include a signal pin and two ground pins, the signal pin being connected to a device in the chip carrier.
- 17. The connector assembly according to claim 16, wherein the chip carrier includes a conductive line connecting the signal pin of the connector to the device in the chip carrier.
- 18. The connector assembly according to claim 17, wherein the conductive line is coplanar with the signal pin.
- 19. The connector assembly according to claim 18, wherein the conductive line is bent prior to contacting the device.

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- 20. The connector assembly according to claim 17, wherein the conductive line is less than 100 mils.
- 21. The connector assembly according to claim 17, wherein the conductive line is less than 50 mils.